

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12	33	gateway with HAVi with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 01:44
S13	90160	(direct indirect) near3 control	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 01:45
S14	4	S12 and S13	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 01:46
S16	0	control\$3 with device\$1 with (different near3 network\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 10:43
S17	1404	control\$3 with device\$1 with (different near3 network\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 10:43
S18	379	HAVi and UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 10:44
S19	9	S17 and S18	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 10:44
S20	5	berardesca.xa.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 11:21
S21	0	bantamoi.xa.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 11:23
S22	941	target\$3 with device\$1 with functional\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:10
S23	2	S18 and S22	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:11
S24	27	(target\$3 with device\$1 with functional\$3) with command\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:12
S25	18	detect\$3 with slave with functional\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:13
S26	4286	correspond\$3 with functional\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:16

S27	0	(correspond\$3 with functional\$3) and HAVI with UPnP with (gateway bridg\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:17
S28	54	HAVI with UPnP with (gateway bridg\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:17
S29	30	HAVI with UPnP with (gateway bridg\$3) and functional\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 12:17
S30	10	HAVI with UPnP with (gateway bridg\$3) and indirect	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:43
S31	1	HAVI with UPnP with (gateway bridg\$3) and indirect with command	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:45
S32	5340	(gateway bridg\$3) and (indirect direct) with command	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:45
S33	276	(gateway bridg\$3) with (indirect direct) with command	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:46
S34	1	((gateway bridg\$3) with (indirect direct) with command) and (HAVI UPnP)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:46
S35	2175	709/250.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:47
S36	5	709/250.ccls. and (HAVI with ((UPnP) ("X-10")))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 13:49
S37	73	"6199136"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 14:35
S38	2	"6199136".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 14:35
S39	80	Havi with control\$3 with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:08
S40	10	Havi with control\$3 with gateway with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:23
S41	2	control\$3 with UPnP with HAVI with station	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 15:26
S42	2	HAVI with host\$3 with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 16:14

S43	18224	(gateway bridge\$3) with (amplif\$3 "x10" CeBus IR)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:35
S44	1	(gateway bridge\$3) with (amplif\$3 "x10" CeBus IR) with HAVi with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:36
S45	0	(gateway bridge\$3) with (amplif\$3) with HAVi with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:38
S46	0	(gateway bridge\$3) with (amplifier) with HAVi with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:38
S47	44	(gateway bridge\$3) with HAVi with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:38
S48	0	(gateway bridge\$3) with HAVi with UPnP with volume	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:39
S49	1	(gateway bridge\$3) with HAVi with UPnP with setting	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 17:39
S50	0	gateway with detect\$3 with "X10"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:37
S51	5732	gateway with detect\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:37
S52	0	(gateway with detect\$3) same (missing with (HAVi adj functionalit \$3))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:38
S53	0	(gateway with determ \$5) same (missing with (HAVi adj function\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:39
S54	0	(gateway with determ \$5) same (HAVi with function\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:39
S55	7	(non\$1HAVi with function \$6)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:40
S56	9	(non\$1UPnP with function\$6)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:43
S57	2	"6298069".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 18:53
S58	14	("6199136" "6163817" "5959536" "6480473" "6314459" "6434447" "6449062").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:18

S59	54	(control\$3 near6 device) same (lack\$1 with functionalities)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:25
S60	105302	(gateway bridg\$3) with match\$3 messag\$3 with function\$6	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:32
S61	0	(HAVI with UPnP) same ((gateway bridg\$3) with (match\$3 messag\$3 with function\$6))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:33
S62	0	(HAVI with UPnP) same ((gateway bridg\$3) with (match\$3 with messag\$3 with function\$6))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:33
S63	0	(HAVI with UPnP) same ((gateway bridg\$3) with (match\$3 with function \$6))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:34
S64	2	(HAVI with UPnP) and ((gateway bridg\$3) with (match\$3 with function \$6))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 19:34
S65	2	"6963925".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 20:12
S66	4	"652750".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 20:19
S67	2	"6052750".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/12 20:19
S68	20	Havi with FCM with manage\$6	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/15 11:33
S69	1	(HAVI with FCM with manage\$6) and ("X10") (lighting))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/15 11:42
S70	20	(HAVI "X10" UPnP) with FCM with manage\$6	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/15 11:43
S71	2	("X10" UPnP) with FCM with manage\$6	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/15 11:43
S72	15	Havi with "X10"	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/15 11:44
S73	0	determ\$6 with gateway with (DCM FCM)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:08

S74	978	determ\$6 with (DCM FQM)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:08
S75	16321	(channel\$3 rout\$3 direct \$3 target\$3) with ((approp\$5 correspond \$3) near3 device\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:10
S76	20	S74 and S75	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:10
S77	32563	(direct indirect) with conversion	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:43
S78	6	S74 and S77	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:43
S79	10	FCM with (one with one with map\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:46
S80	1	FCM with (one with two with map\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 08:46
S81	4	("20020087964" "6781518").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 09:06
S82	1624	bridge with direct with conver\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:38
S83	9	bridge with indirect with conver\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:38
S84	1	S82 and S83	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:38
S85	255	HAVI with UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:42
S86	41399	format with conversion	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:43
S87	93059	direct with (indirect ((through by via) adj another))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:44
S88	1074	S86 and S87	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:45
S89	13	S85 and S86	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:45

S90	3	S88 and S89	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:45
S91	22	(S86 S87 ) and S85	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/16 12:48
S92	7	("6496862" "7209484" "6801507").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/18 09:05
S93	2	"20030161332".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/18 09:07
S94	1107023	(sony philips hitachi sharp matasushi thompson toshiba grundig).as.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:26
S95	67	HAVi same UPnP same (bridge gateway)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:27
S96	16023	(protocol with conversion \$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:28
S97	18	S94 and S95	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:28
S98	924	(S94 S95) and S96	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:28
S99	24	(S94 S96) and S95	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:29
S100	81	S94 and ((rerout\$3 redirect\$3 re\$1target\$3) near5 (command\$1 message\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:44
S101	4	S94 and ((rerout\$3 redirect\$3 re\$1target\$3) near5 (command\$1 message\$1)) with (gateway bridge PC)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:49
S102	0	S97 and ((rerout\$3 redirect\$3 re\$1target\$3) near5 (command\$1 message\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:51
S103	81	S100 and ((rerout\$3 redirect\$3 re\$1target\$3) near5 (command\$1 message\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 13:51

S104	831	(bridge gateway PC STB) same ((rerout\$3 redirect\$3 re\$1target\$3) near5 (command\$1 message\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 14:07
S105	12	(bridge gateway PC STB) same ((rerout\$3 redirect\$3 re\$1target\$3) near5 (command\$1 message\$1)) and (HAVI UPnP Jini "X10")	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/19 14:08
S106	3	"6546419".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:40
S107	2353	((protocol near5 convers \$3) with (bridge gateway))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:42
S108	105640	((FCM function\$5) near5 (shar\$3 rout\$3))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:44
S109	549	S107 and S108	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:44
S110	855768	(HAVI UPnP Jini "X10" Cebus IR wireless)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:45
S111	378	S109 and S110	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:45
S112	0	(HAVI and "725"/\$.ccls) and (HAVI and "709"/\$.ccls.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:46
S113	0	(HAVI and "725"/\$.ccls)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:46
S114	13	(HAVI and "725"/\$.ccls.) and (HAVI and "709"/\$.ccls.)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:47
S116	8	S111 and "725"/\$.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:47
S117	66	S111 and "709"/\$.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 11:47
S118	8	S109 and UPnP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 12:10
S119	839	(rerout\$3 redirect\$3 shar \$3) near6 (function\$5 FCM) with (unavailable available)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 12:52

S120	1	S107 and S119	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 12:52
S121	1	S109 and S119	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 12:53
S122	127259	(brige gateway)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 12:54
S123	196	S119 and S122	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 12:54
S124	11166	(protocol near5 convers \$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 13:04
S125	106957	(direct same indirect)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 13:04
S126	449	S124 and S125	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 13:04
S127	378	S126 and (gateway bridge PC STB FAV IAV)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/20 13:05
S128	193	gateway with (resource adj manager)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 12:56
S129	178153	different with network\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 12:57
S130	93	S128 and S129	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 12:57
S131	2322	conflict with management	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 12:57
S132	0	S130 and S131	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 12:57
S133	3	S130 and conflict	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 12:58
S134	255	HAVI with UPhP	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 13:07
S135	193	gateway with (resource adj manager)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 13:07
S136	1	S134 and S135	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 13:07

S137	0	HAVI with (intelligent adj gateway)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 13:08
S138	165	(intelligent adj gateway)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 13:08
S139	1	S138 and S134	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/22 13:09
S140	12466	protocol near6 conversion	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:37
S141	12330	resource adj manag\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:37
S142	363	S140 and S141	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:38
S143	1825	S141 and conflict\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:38
S144	96	S142 and S143	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:38
S145	111525	((third adj party)(third adj unit) (third adj device))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:52
S146	1557	S140 and S145	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:52
S147	180	S146 and S141	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:52
S148	19767	home adj network\$1	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:59
S149	578	S140 and S148	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 07:59
S150	26	S149 and S141	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 08:00
S151	6259	(Message\$3 commad\$3) same (routing with function\$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 10:01
S152	547	S151 and ((HN)(home adj network\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 10:02
S153	79	S151 same ((HN)(home adj network\$1))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 10:02

S154	8	("6496862" "7209484" "6801507" "20030161332").pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 10:12
S155	2	"6160796".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 10:32
S156	6590122	(command message control)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:07
S157	143880	(command message control) near6 forward \$3	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:07
S158	14	(HAVI near3 FCM\$1) same (UPnP near3 (service\$1 XML))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:08
S159	182	(direct near5 map\$4) same (indirect near5 map \$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:09
S160	0	S158 and S159	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:09
S161	4	S157 and S158	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:10
S162	22	S157 and S159	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:10
S163	29	("20020029281"   "20020059309"   "20020059451"   "20020095547"   "20020124137"   "20030014544"   "20030041211"   "20030046396"   "20030058870"   "20030061402"   "20030067913"   "20030070043"   "20030084209"   "20030084243"   "20030099254"   "20030101239"   "20030131228"   "20030135514"   "20030135692"   "20030165160"   "20030169690"   "20030172169"   "20040073622"   "5495614"   "6032224"   "6301250"   "6360282"   "6374248"   "7299266"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/25 11:17

S164	607	(direct with map\$4) and (indirect with map\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:21
S165	16	(HAVI near3 FOM\$1) and (UPnP near3 (service\$1 XML))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:21
S166	379	(HAVI ) and (UPnP )	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:22
S167	0	S164 and S166	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:22
S168	16	S165 and S166	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:23
S169	33	havi with gateway with upnp	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:26
S171	25740	(command with forward \$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:43
S172	25740	(command with forward \$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:47
S173	3701	based with (available near4 (FOM funtion\$1 function\$5))	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:48
S174	87	S172 and S173	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 11:49
S175	1	(map\$4) same (HAVI near3 FOM\$1) with (UPnP near3 service\$1)	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/25 12:09

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S15	33	gateway with HAVI with UPnP	US-PGPUB; USPAT; UPAD	OR	ON	2009/05/12 10:23

5/ 26/ 2009 4:07:41 AM

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